

AMENDMENTS TO THE CLAIMS

1 to 18 (Cancelled)

19 (Currently Amended). A prosthesis assembly for a blood vessel or hollow body organ comprising,

a trunk including a prosthetic material defining having an interior including a seam joining opposing surfaces of the prosthetic material together to form an internal septum sized and configured to define, within at least a portion of the trunk interior, a multi-lumen flow channel configuration comprising at least a first interior lumen and a truncated second interior lumen that is shorter than the first interior lumen, at least two stent structures carried in a spaced apart relationship along each of the first interior lumen and the truncated second interior lumen to support the respective interior lumen, the septum being formed separate from the stent structures, the stent structures in one of the interior lumens being staggered in position with respect to the stent structures in the other interior lumen, and

a lumen extension component sized and configured to be fitted within at least one of the first and second interior lumens to define an extended extension of the at least one interior lumen.

20 (Currently Amended). An assembly according to claim 19

wherein the ~~extended~~ first interior lumen includes a ~~portion~~ region that is joined by the septum to the ~~other~~ truncated second interior lumen and another ~~portion~~ region that is not joined by the septum to the ~~other~~ truncated second interior lumen and that extends beyond the truncated second interior lumen.

21 to 23 (Canceled).

24 (Original). An assembly according to claim 19

wherein a region of the trunk is sized and configured to receive a fastening element to secure the trunk to body tissue.

25 (Original). An assembly according to claim 19

wherein the prosthetic material includes a fabric.

26 (Original). An assembly according to claim 19

wherein the lumen extension includes a prosthetic material.

27 (Canceled).

28 (Currently Amended). An assembly according to claim 19 wherein ~~at least one of the trunk and~~ the lumen extension includes scaffolding.

29 (Original). An assembly according to claim 28 wherein the scaffolding includes at least one stent structure.

30 (Original). An assembly according to claim 28 wherein the scaffolding includes a self-expanding stent ring.

31 (Original). An assembly according to claim 28 wherein the scaffolding includes spaced apart stent structures.

32 (Currently Amended). An assembly according to claim 31 wherein the spaced apart ~~sent~~ stent structures include first and second adjacent stent structures that are not mutually attached one to the other.

33 (Currently Amended). An assembly according to claim 31 wherein the spaced apart ~~sent~~ stent structures include first and second adjacent stent structures that are mutually attached one to the other.

34 (Original). An assembly according to claim 19 wherein the trunk extends along an axis, wherein the septum comprises a seam formed along the axis of the trunk.

35 (Original). An assembly according to claim 19 wherein the seam is formed by weaving.

36 to 37 (Canceled).

38 (Original). A method for deploying a prosthesis comprising the steps of introducing a prosthesis assembly as defined in claim 19 into a targeted site comprising a blood vessel or hollow body organ,

locating the trunk of the prosthesis assembly in contact with body tissue at the targeted site, and

fitting the lumen extension of the prosthesis assembly to the trunk.

39 (Original). A method according to claim 38 further including the step of fastening the trunk of the prosthesis assembly to body tissue at the targeted site.

40 (New). An assembly according to claim 19

wherein at least one of the stent structures comprises a stent ring.

41 (New). An assembly according to claim 19

wherein all of the stent structures comprise stent rings.

42 (New). An assembly according to claim 19

wherein the spaced apart stent structures in at least one of the interior lumens include first and second adjacent stent structures that are not mutually attached one to the other.

43 (New). An assembly according to claim 19

wherein the spaced apart stent structures in at least one of the interior lumens include first and second adjacent stent structures that are mutually attached one to the other.